Safety Attribute Inspection (SAI) Data Collection Tool 1.3.14 General Maintenance Manual / Equivalent (AW)

ELEMENT SUMMARY INFORMATION

Purpose of This Element (Certificate Holder's responsibility):

• To provide policy, procedures, instructions and information that allow for the preparation of the General Maintenance Manual / Equivalent.

Objective (FAA oversight responsibility):

- To determine if the Certificate Holder's General Maintenance Manual / Equivalent meets all applicable requirements of the Federal Aviation Regulations and FAA policies.
- To determine if the Certificate Holder's General Maintenance Manual / Equivalent incorporates the System Safety Attributes.
- To identify any shortfalls in the Certificate Holder's General Maintenance Manual / Equivalent.

Specific Instructions:

Intentionally left blank

SUPPLEMENTAL INFORMATION

Specific Regulatory Requirement(s) (SRRs):

- SRRs:
 - 119.43(b)
 - 119.43(b)(1)
 - 119.43(b)(2)
 - 119.65(e)(1)
 - 119.65(e)(2)
 - 119.65(e)(3)
 - 121.133(a)
 - 121.133(b)
 - 121.135(a)(1)
 - 121.135(b)(1)
 - 121.135(b)(11)
 - 121.135(b)(16)
 - 121.135(b)(17)
 - 121.135(b)(18)
 - 121.135(b)(19)
 - 121.135(b)(2)

- 121.135(b)(20)
- 121.135(b)(24)
- 121.135(b)(3)
- 121.137(a)(1)
- 121.365(a)
- 121.365(b)
- 121.369(a)
- 121.369(b)(1)
- 121.369(b)(2)
- 121.369(b)(3)
- 121.369(b)(4)
- 121.369(b)(5)
- 121.369(b)(6)
- 121.369(b)(7)
- 121.369(b)(8)
- 121.369(b)(9)
- 121.371(c)
- 121.701(b)
- 121.709(b)(1)

Related CFR(s) & FAA Policy/Guidance:

- Related CFRs: Intentionally left blank
- FAA Policy/Guidance:
 - FAA Order 8300.10, Volume 2, Chapter 63
 - FAA Order 8300.10, Volume 2, Chapter 69
 - FAA Order 8300.10, Volume 3, Chapter 15
 - FAA Order 8400.10, Volume 3, Chapter 36
 - HBAW 99-07
 - HBAW 00-15A
 - HBAW 96-08
 - HBAW 98-01
 - FSAW 97-08A
 - FSAW 97-21
 - AC 120-42A

SAI SECTION 1 - PROCEDURES ATTRIBUTE

Objective: Procedures, instructions and information contained in Certificate Holder's manual are documented methods for accomplishing a process. Policies contained in the Certificate Holder's manual should establish the Certificate Holder's compliance posture. Policies may not be stand—alone statements but may be imbedded within procedures, instructions or information regarding a particular regulatory requirement. The questions in this section of the data collection tool are designed to assist the inspector in determining if the Certificate Holder's manual has documented or prescribed methods of accomplishing the process requirements that provide answers to the associated who, what, when, where and how type questions. This section of the data collection tool contains policy questions, procedural questions and instructional or informational questions pertaining to various types of Certificate Holder requirements such as actions, prohibitions or resources (i.e., personnel, facilities, equipment, technical data, etc.).

Tasks

To meet this objective, the inspector must accomplish the following tasks:

- Review the information listed in the Supplemental Information section of this data collection tool.
- 2 Review the duties and responsibilities for management and other personnel identified by the Certificate Holder who prepare the maintenance information and instructions contained in the General Maintenance Manual / Equivalent.
- Review the Certificate Holder's manual to ensure that it contains policies, procedures, instructions and information necessary for the preparation of the maintenance information and instructions contained in the Certificate Holder's General Maintenance Manual / Equivalent.

Questions

To meet this objective, the inspector must answer the following questions:

- 1 Does the Certificate Holder's General Maintenance Manual / Equivalent content meet the specific regulatory and FAA policy requirements:
- 1.1 Does the Certificate Holder's manual contain general policies that comply with the specific regulatory requirements? SRRs: 121.133(a); 121.135(a)(1); 121.135(b)(1);

121.135(b)(2); 121.135(b)(3); 121.135(b)(11); 121.135(b)(16);

121.135(b)(17); 121.135(b)(19); 121.135(b)(24);

121.137(a)(1); 121.369(a); 121.369(b)(1); 121.369(b)(2);

121.369(b)(4); 121.369(b)(5); 121.369(b)(6); 121.369(b)(7);

121.369(b)(8); 121.369(b)(9); 121.701(b); 121.369(b)(3);

119.43(b); 121.133(b)

Related Design JTI's:

Check that the Certificate Holder's manual contains a
policy to ensure the Certificate Holder prepares and
keeps current a manual for the use and guidance of
ground operations, and management personnel in
conducting its operations.

Sources: 121.133(a); 121.135(b)(1)

Interfaces: 2.1.2-aw; 2.1.1-aw; 2.1.2-op; 2.1.1-op

2. Check that the Certificate Holder's manual contains information that is appropriate to maintenance personnel regarding: Procedures for refueling aircraft, eliminating fuel contamination, protection from fire (including

Yes	
No.	Explain

electrostatic protection), and supervising and protecting passengers during refueling.

Sources: 121.135(b)(18)

Interfaces: 2.1.2–aw; 1.1.1–aw; 1.3.16–aw; 2.1.2–op; 1.3.7–aw; 7.2.1–op

3. Check that the Certificate Holder's manual has a policy that competent personnel and adequate facilities and equipment are provided for the proper performance of maintenance, preventive maintenance, and alterations in its inspection program.

Sources: 121.367(b); 121.135(b)(1)

Interfaces: 4.4.4–aw; 4.4.3–aw; 4.1.2–aw; 2.1.2–op; 4.4.1–aw; 2.1.2–aw; 4.2.1–aw

- 4. Check that the Certificate Holder's manual has a policy that there is a list of persons with whom it has arranged for the performance of any of its required inspections, other maintenance, preventive maintenance, or alterations, including a general description of that work. *Sources:* 121.369(a); 121.135(b)(1)

 Interfaces: 1.3.7-aw; 1.3.9-aw; 1.3.2-aw; 1.2.2-aw; 1.3.5-aw; 1.3.1-aw; 1.3.4-aw
- Check that the Certificate Holder's manual has a policy that no person will be used to perform required inspections unless the person performing the inspection is appropriately certificated, properly trained, qualified, and authorized to do so.

Sources: 121.371(a); 121.135(b)(1) Interfaces: 4.1.1-aw; 1.3.2-aw; 7.1.2-aw; 1.3.4-aw; 4.2.2-aw

6. Check that the Certificate Holder's manual contains a policy to prevent any person from performing a required inspection unless, at that time, the person performing that inspection is under the supervision and control of an inspection unit.

Sources: 121.371(b); 121.135(b)(1)

Interfaces: 4.1.1-aw; 1.3.2-aw; 7.1.2-aw; 1.3.4-aw

Check that the Certificate Holder's manual contains a
policy that no person may perform a required inspection
if he performed the item of work required to be
inspected.

Sources: 121.371(c); 121.135(b)(1)

Interfaces: 1.3.2-aw; 7.1.2-aw; 4.1.1-aw; 1.3.4-aw

8. Check that the Certificate Holder's manual contains a policy to ensure Certificate Holder shall maintain, or shall determine that each person with whom it arranges to perform its required inspections maintains, a current listing of persons who have been trained, qualified, and authorized to conduct required inspections. The persons must be identified by name, occupational title, and the inspections that they are authorized to perform.

Sources: 121.371(d); 121.135(b)(1)

Interfaces: 1.3.7-aw; 2.1.2-aw; 4.2.2-aw; 2.1.2-op;

4.1.1-aw; 1.3.2-aw

9. Check that the Certificate Holder's manual contains a policy that ensures the Certificate Holder (or person with whom it arranges to perform its required inspections) shall give written information to each person so authorized describing the extent of his responsibilities authorities, and inspectional limitations.

Sources: 121.371(d); 121.135(b)(1)

Interfaces: 4.1.1-aw; 2.1.2-op; 1.3.2-aw; 1.3.7-aw;

2.1.2-aw

10. Check that the Certificate Holder's manual contains a policy that each person performing maintenance or preventive maintenance shall be relieved from duty for a period of at least 24 consecutive hours during any seven consecutive days, or the equivalent thereof within any one calendar month.

Sources: 121.377; 121.135(b)(1)

Interfaces: 2.1.2-op; 4.4.4-aw; 4.4.3-aw; 6.2.1-aw;

2.1.2-aw

11. Check that the Certificate Holder's manual has a policy to regularly and promptly send a summary report on each interruption to a flight, unscheduled change of aircraft en route, or unscheduled stop or diversion, caused by known or suspected mechanical difficulties or malfunctions that are not required to be reported under FAR 121.703.

Sources: 121.705(a); 121.135(b)(1) Interfaces: 1.2.4-aw; 2.1.2-aw; 2.1.2-op

12. Check that the Certificate Holder's manual contains instructions to ensure the Certificate Holder prepares and keeps current a manual for the use and guidance of ground operations, and management personnel in conducting its operations.

Sources: 121.133(a); 121.135(b)(24)

Interfaces: 2.1.2-op; 2.1.1-op; 2.1.2-aw; 2.1.1-aw

13. Check that the Certificate Holder's manual contains a policy that it will (shall) insert pertinent excerpts of its operations specifications, or references thereto, in its manual and will (shall) clearly identify each such excerpt as a part of its operations specifications.

Sources: 119.43(b)(1); 121.135(b)(1)

Interfaces: 2.1.3-op; 2.1.4-op; 2.1.2-op; 2.1.3-aw;

2.1.2-aw; 2.1.4-aw

 Check that the Certificate Holder's manual contains a policy that states that compliance with operations specifications requirements is mandatory.

Sources: 119.43(b)(2); 121.135(b)(1)

Interfaces: 2.1.4-aw; 2.1.2-op; 2.1.3-aw; 2.1.2-aw;

2.1.4-op; 2.1.3-op

15. Check that the Certificate Holder's manual contains information that is appropriate to maintenance personnel regarding general policies.

Sources: 121.135(b)(1)

Interfaces: 1.3.16-aw; 1.3.17-aw; 1.1.2-op; 2.1.2-aw; 1.1.2-aw; 3.1.12-op; 2.1.2-op; 1.3.4-aw; 1.3.2-aw; 1.3.1-aw; 7.2.1-op

16. Check that the Certificate Holder's manual has a policy that the duties, responsibilities, and authority of the Director of Maintenance and the Chief Inspector will (must) be included in the general policy provisions of the manual.

Sources: 119.65(e)(1); 121.135(b)(1)

Interfaces: 2.1.2-op; 2.1.4-op; 2.1.3-op; 2.1.4-aw;

7.1.1-aw; 2.1.2-aw; 7.1.2-aw; 2.1.3-aw

17. Check that the Certificate Holder's manual contains a policy to list in it's manual the names and business addresses of the individuals assigned to: Director of Maintenance Chief Inspector

Sources: 119.65(e)(2); 121.135(b)(1)

Interfaces: 2.1.4-aw; 2.1.3-aw; 2.1.2-aw; 2.1.3-op;

2.1.2-op; 7.1.1-aw; 2.1.4-op; 7.1.2-aw

18. Check that the Certificate Holder's manual contains a policy that it will prepare that part of the manual containing maintenance information and instructions, in whole or in part, in printed form or other form acceptable to the Administrator.

Sources: 121.133(b); 121.135(b)(1)

Interfaces: 2.1.2-aw; 1.3.1-aw; 2.1.2-op

19. Check that the Certificate Holder's manual contains a policy that it shall include in its manual a chart or description of the Certificate Holder's organization, and a list of persons with whom it has arranged for the performance of any of its required inspections, other maintenance, preventive maintenance, or alterations, including a general description of that work.

Sources: 121.369(a); 121.135(b)(1)

Interfaces: 1.3.7-aw; 2.1.2-aw; 1.3.2-aw; 1.3.13-aw;

1.3.4-aw; 1.3.12-aw; 1.3.1-aw; 2.1.2-op; 7.1.6-aw

20. Check that the Certificate Holder's manual contains instructions that that the part of the manual containing maintenance information and instructions, in whole or in part, will be in printed form or other form acceptable to the Administrator.

Sources: 121.133(b); 121.135(b)(24)

Interfaces: 2.1.2-op; 1.3.1-aw; 2.1.2-aw

21. Check that the Certificate Holder's manual has a policy that competent personnel and adequate facilities and equipment are provided for the proper performance of

maintenance, preventive maintenance, and alterations in its maintenance program

Sources: 121.367(b); 121.135(b)(1)

Interfaces: 4.4.1-aw; 2.1.2-op; 4.4.4-aw; 4.4.3-aw; 4.1.2-aw; 4.2.1-aw; 2.1.2-aw

22. Check that the Certificate Holder's manual contains a policy regarding the programs required by Section. 121.367 that must be followed in performing maintenance, preventive maintenance, and alterations of their airplanes, including airframes, aircraft engines, propellers, appliances, emergency equipment, and parts thereof, and must include the method of performing routine and non–routine maintenance (other than required inspections), preventive maintenance, and alterations.

Sources: 121.369(b)(1); 121.135(b)(1) Interfaces: 2.1.2-aw; 1.3.4-aw; 7.1.2-aw; 1.3.12-aw; 1.3.13-aw; 1.3.8-aw; 4.2.2-aw; 2.1.2-op; 1.3.1-aw; 4.1.1-aw; 1.3.9-aw

23. Check that the Certificate Holder's manual contains instructions and information to its personnel regarding the methods of performing routine and non-routine maintenance (other than required inspections), preventive maintenance, and alterations on their airplanes, including airframes, aircraft engines, propellers, appliances, emergency equipment, and parts thereof.

Sources: 121.369(b)(1); 121.135(a)(1) Interfaces: 1.3.9-aw; 1.3.8-aw; 2.1.2-aw; 1.3.12-aw; 1.3.13-aw; 4.1.1-aw; 1.3.4-aw; 7.1.2-aw; 4.2.2-aw; 2.1.2-op; 1.3.1-aw

- 24. Check that the Certificate Holder's manual contains a policy that it must set forth a suitable system that provides for preservation and retrieval of information in a manner acceptable to the Administrator and that provides; A description (or reference to data acceptable to the Administrator) of the work performed. Sources: 121.369(c)(1); 121.135(b)(1) Interfaces: 2.1.2-op; 1.2.3-aw; 1.3.7-aw; 2.1.2-aw
- 25. Check that the Certificate Holder's manual contains a policy to ensure that each person who takes action in the case of a reported or observed failure or malfunction of an airframe, engine, propeller, or appliance that is critical to the safety of flight shall make, or have made, a record of that action in the airplane's maintenance log. Sources: 121.701(a); 121.135(b)(1)

 Interfaces: 2.1.2-op; 7.2.1-op; 1.2.3-aw; 2.1.2-aw; 1.2.1-aw

26. Check that the Certificate Holder's manual contains instructions and procedures to ensure that each person

		who takes action in the case of a reported or observed failure or malfunction of an airframe, engine, propeller, or appliance that is critical to the safety of flight shall make, or have made, a record of that action in the airplane's maintenance log. Sources: 121.701(a); 121.135(b)(16) Interfaces: 2.1.2-op; 1.2.3-aw; 1.2.1-aw; 7.2.1-op; 2.1.2-aw	
	27.	Check that the Certificate Holder's manual contains a policy that adequate copies of the airplane maintenance record in the airplane and in a place readily accessible to each flight crewmember. Sources: 121.701(b); 121.135(b)(1) Interfaces: 1.2.1-aw; 2.1.2-aw; 1.2.3-aw; 2.1.2-op	
	28.	Check that the Certificate Holder's manual has procedures for keeping adequate copies of the airplane maintenance record in the airplane, and in a place readily accessible to each flight crewmember. Sources: 121.701(b) Interfaces: 1.2.3-aw; 2.1.2-aw; 1.2.1-aw; 2.1.2-op	
	29.	Check that the Certificate Holder's manual contains a policy that the airworthiness release or log entry required by FAR 121.709 (a) must include a certification that: The work was performed in accordance with the requirements of the Certificate Holder's manual. All items required to be inspected were inspected by an authorized person who determined that the work was satisfactorily completed. No known condition exists that would make the airplane unairworthy. So far as the work performed is concerned, the aircraft is in condition for safe operation. Sources: 121.709(b)(2)(i); 121.709(b)(2)(ii); 121.135(b)(1) Interfaces: 2.1.2-op; 2.1.2-aw; 1.2.1-aw; 1.1.1-aw	
	30.	Check that the Certificate Holder's manual contains a policy that the airworthiness release or log entry, required by FAR 121.709 (a), must be signed by an authorized certificated mechanic or repairman, except that a certificated repairman may sign the release or entry only for the work for which he is employed and certificated. Sources: 121.709(b)(3); 121.135(b)(1) Interfaces: 1.2.1–aw; 2.1.2–aw; 1.1.1–aw; 2.1.2–op; 4.4.3–aw; 4.4.4–aw	
.2	requi	the Certificate Holder's manual cite the regulatory rements listed in the Supplemental Information section of	☐ Yes ☐ No, Explain
		ted Design JTI's:	

	 Check that the Certificate Holder's manual contains information that is appropriate to maintenance personnel regarding references to the appropriate Federal Aviation Regulations. Sources: 121.135(b)(3) Interfaces: 2.1.2-aw; 2.1.2-op 	
1.3	Does the Certificate Holder's manual contain the duties and responsibilities for personnel who will prepare the maintenance information and instructions contained in the General Maintenance Manual / Equivalent? SRRs: 121.135(b)(2)	☐ Yes ☐ No, Explain
	 Related Design JTI's: Check that the Certificate Holder's manual contains information that is appropriate to maintenance personnel regarding the duties and responsibilities of appropriate members of the ground organization, and management personnel. Sources: 121.135(b)(2) Interfaces: 7.1.1-aw; 7.1.2-aw; 7.1.6-aw; 7.2.1-op 	
1.4		☐ Yes ☐ No, Explain
	 Related Design JTI's: Check that the Certificate Holder's manual contains instructions and information to its personnel, that each person performing maintenance or preventive maintenance shall be relieved from duty for a period of at least 24 consecutive hours during any seven consecutive days, or the equivalent thereof within any one calendar month. Sources: 121.377; 121.135(a)(1) Interfaces: 4.4.4-aw; 2.1.2-op; 4.4.3-aw; 2.1.2-aw; 6.2.1-aw 	
1.5	Does the Certificate Holder's manual contain the required references to, or excerpts from, its operations specifications? SRRs: 119.43(b)	☐ Yes ☐ No, Explain
	 Related Design JTI's: Check that the Certificate Holder's manual contains instructions to ensure that pertinent excerpts of its operations specifications, or references thereto, are inserted in its manual and each one is clearly identified as being a part of its operations specifications. Sources: 119.43(b)(1); 121.135(b)(24) Interfaces: 2.1.2-aw; 2.1.4-aw; 2.1.3-aw; 2.1.3-op; 2.1.2-op; 2.1.4-op 	
1.6	If the Certificate Holder's manual includes excerpts from its operations specifications, are the excerpts clearly identified as part of the operations specifications? SRRs: 119.43(b)(1)	☐ Yes ☐ No, Explain ☐ Not Applicable

	Related Design JTI's:	
	 Check that the Certificate Holder's manual contains instructions to ensure that pertinent excerpts of its operations specifications, or references thereto, are inserted in its manual and each one is clearly identified as being a part of its operations specifications. Sources: 119.43(b)(1); 121.135(b)(24) Interfaces: 2.1.2-aw; 2.1.4-aw; 2.1.3-aw; 2.1.3-op; 2.1.2-op; 2.1.4-op 	
1.7	Does the Certificate Holder's manual require compliance with its operations specifications? SRRs: 119.43(b)(2)	☐ Yes ☐ No, Explain
	 Related Design JTI's: Check that the Certificate Holder's manual has instructions and information to its personnel stating that compliance with each operations specification requirements is mandatory. Sources: 119.43(b)(1); 121.135(a)(1) Interfaces: 2.1.3-op; 2.1.4-op; 2.1.2-op; 2.1.4-aw; 2.1.3-aw; 2.1.2-aw 	
1.8	Does the Certificate Holder's manual state, in its general policy provisions, the duties of the Director of Safety, Director of Maintenance, and Chief Inspector, or their equivalents? SRRs: 119.65(e)(1)	☐ Yes ☐ No, Explain
	 Related Design JTI's: Check that the Certificate Holder's manual has instructions to ensure that the duties, responsibilities, and authority of the Director of Maintenance and the Chief Inspector are contained in the general policy provisions of the manual. Sources: 119.65(e)(1); 121.135(b)(24) Interfaces: 7.1.2-aw; 7.1.1-aw; 2.1.3-op; 2.1.4-op; 2.1.2-op; 2.1.3-aw; 2.1.4-aw; 2.1.2-aw 	
1.9	Does the Certificate Holder's manual state, in its general policy provisions, the responsibilities of the Director of Safety, Director of Maintenance, and Chief Inspector, or their equivalents? SRRs: 119.65(e)(1)	☐ Yes ☐ No, Explain
1.10	Does the Certificate Holder's manual state, in its general policy provisions, the authority of the Director of Safety, Director of Maintenance, and Chief Inspector, or their equivalents? SRRs: 119.65(e)(1)	☐ Yes ☐ No, Explain
1.11	Does the Certificate Holder's manual contain the name and business address for the Director of Safety, Director of Maintenance, and Chief Inspector, or their equivalents? SRRs: 119.65(e)(2)	☐ Yes ☐ No, Explain
	 Related Design JTI's: Check that the Certificate Holder's manual has instructions to list in it's manual the names and business addresses of the individuals assigned to: Director of Maintenance Chief Inspector Sources: 119.65(e)(2); 121.135(b)(24) 	

Interfaces: 7.1.2-aw; 7.1.1-aw; 2.1.2-op; 2.1.3-op; 2.1.4-op;	
2.1.4-aw; 2.1.3-aw; 2.1.2-aw 1.12Does the Certificate Holder's manual direct the appropriate personnel to notify the certificate-holding district office within 10 days of any change to or the vacancy of the Director of Safety, Director of Maintenance, and Chief Inspector, or their equivalents? SRRs: 119.65(e)(3)	☐ Yes ☐ No, Explain
 Related Design JTI's: Check that the Certificate Holder's manual contains instructions to notify the certificate-holding district office within 10 days of any change in personnel or any vacancy in the following positions: Director of Maintenance Chief Inspector Sources: 119.65(e)(3); 121.135(b)(24) Interfaces: 2.1.1-aw; 2.1.2-aw; 7.1.2-aw; 2.1.1-op; 2.1.2-op; 7.1.1-aw 	
1.13 Does the Certificate Holder's manual contain instructions and procedures appropriate for the maintenance, preventive maintenance, and servicing being performed? SRRs: 121.135(b)(16)	☐ Yes ☐ No, Explain
 Related Design JTI's: Check that the Certificate Holder's manual contains instructions and procedures that after maintenance, preventive maintenance, or alterations performed by a Part 145 repair station, the airworthiness release or log entry section may be signed by a person authorized by that repair station. Sources: 121.709(c); 121.135(b)(16) Interfaces: 1.1.1-aw; 2.1.2-op; 2.1.2-aw; 1.2.1-aw 	
 Check that the Certificate Holder's manual contains instructions and procedures that when an airworthiness release form is prepared, a copy will (must) be given to the pilot in command, and a record thereof must kept for at least two months. Sources: 121.709(d); 121.135(b)(16) Interfaces: 1.2.1-aw; 2.1.2-aw; 1.1.1-aw; 2.1.2-op 	
 Check that the Certificate Holder's manual contains instructions and procedures that are appropriate to maintenance personnel regarding other information or instructions relating to safety. Sources: 121.135(b)(24) Interfaces: 7.2.1-op 	
4. Check that the Certificate Holder's manual has a instructions and procedures that it or any person performing maintenance or preventive maintenance functions for it, shall have a training program to ensure that each person (including inspection personnel) who determines the adequacy of work done is fully informed about procedures and techniques and new equipment in use and is competent to perform his duties.	

Sources: 121.375; 121.135(b)(16) Interfaces: 4.2.8-op; 4.2.2-aw; 4.2.1-aw; 7.2.1-op; 4.2.8-aw; 4.2.6-op

5. Check that the Certificate Holder's manual has instructions to regularly and promptly send a summary report on each interruption to a flight, unscheduled change of aircraft en route, or unscheduled stop or diversion, caused by known or suspected mechanical difficulties or malfunctions that are not required to be reported under FAR 121.703.

Sources: 121.705(a); 121.135(b)(24) Interfaces: 2.1.2-op; 1.2.4-aw; 2.1.2-aw

6. Check that the Certificate Holder's manual contains instructions and procedures that are appropriate to maintenance personnel regarding maintenance, preventive maintenance, and servicing.

Sources: 121.135(b)(16)
Interfaces: 1.3.7-aw; 1.2.2-aw; 4.2.1-aw; 2.1.2-aw; 1.3.1-aw; 4.4.4-aw; 4.4.3-aw; 1.1.1-aw; 1.3.2-aw; 1.3.9-aw; 2.1.2-op; 1.3.4-aw

7. Check that the Certificate Holder's manual has instructions and procedures to ensure that competent personnel and adequate facilities and equipment are provided for the proper performance of maintenance, preventive maintenance, and alterations in its maintenance program.

Sources: 121.367(b); 121.135(b)(16) Interfaces: 4.1.2-aw; 4.4.3-aw; 4.4.1-aw; 4.4.4-aw; 2.1.2-op; 4.2.1-aw; 2.1.2-aw

- 8. Check that the Certificate Holder's manual contains instructions and procedures which set forth a suitable system that provides for preservation and retrieval of information in a manner acceptable to the Administrator and that provides; A description (or reference to data acceptable to the Administrator) of the work performed. Sources: 121.369(c)(1); 121.135(b)(16)

 Interfaces: 2.1.2-aw; 2.1.2-op; 1.2.3-aw; 1.3.7-aw
- 9. Check that the Certificate Holder's manual contains instructions and procedures which set forth a suitable system that provides for preservation and retrieval of information in a manner acceptable to the Administrator and that provides; The name or other positive identification of the individual approving the work. Sources: 121.369(c)(3); 121.135(b)(16)

 Interfaces: 1.2.3-aw; 1.3.7-aw; 2.1.2-aw; 2.1.2-op

10. Check that the Certificate Holder's manual contains instructions and procedures regarding the performance of maintenance, preventive maintenance, and alterations as provided in its continuous airworthiness maintenance program and its maintenance manual.

Sources: 121.379(a); 121.135(b)(16)

Interfaces: 2.1.2-op; 1.3.7-aw; 1.2.3-aw; 2.1.2-aw

11. Check that the Certificate Holder's manual contains instructions and procedures regarding the arrangements with other persons to perform, maintenance, preventive maintenance, and alterations as provided in its continuous airworthiness maintenance program and its maintenance manual.

Sources: 121.379(a); 121.135(b)(16)

Interfaces: 2.1.2-op; 1.2.3-aw; 1.3.7-aw; 2.1.2-aw

12. Check that the Certificate Holder's manual contains instructions and procedures regarding the performance of maintenance, preventive maintenance, and alterations for another Certificate Holder as provided in the continuous airworthiness maintenance program and maintenance manual of the other Certificate Holder. Sources: 121.379(a); 121.135(b)(16)

Interfaces: 2.1.2-aw; 1.2.3-aw; 1.3.7-aw; 2.1.2-op

13. Check that the Certificate Holder's manual contains instructions and procedures that except for major repairs or major alterations, it may approve any aircraft, airframe, aircraft engine, propeller, or appliance for return to service after maintenance, preventive maintenance, or alterations that are performed under FAR 121.379 (a).

Sources: 121.379(b); 121.135(b)(16)

Interfaces: 1.3.9-aw; 2.1.2-op; 1.2.3-aw; 1.2.1-aw;

1.3.13-aw; 1.3.12-aw; 1.2.2-aw; 2.1.2-aw; 1.3.1-aw

14. Check that the Certificate Holder's manual contains instructions and procedures that promptly upon its completion, prepare a report of each major alteration or major repair of an airframe, aircraft engine, propeller, or appliance of an aircraft operated by it.

Sources: 121.707(a); 121.135(b)(16)

Interfaces: 2.1.2-aw; 1.2.2-aw; 2.1.2-op; 1.3.9-aw

15. Check that the Certificate Holder's manual contains instructions and procedures that it shall submit a copy of each report of a major alteration to the representative of the Administrator who is assigned to it.

Sources: 121.707(b); 121.135(b)(16)

Interfaces: 2.1.2-op; 1.3.9-aw; 1.2.2-aw; 2.1.2-aw

16. Check that the Certificate Holder's manual contains instructions and procedures that it shall keep a copy of each report of a major repair available for inspection by, the representative of the Administrator who is assigned to it.

Sources: 121.707(b); 121.135(b)(16)

Interfaces: 2.1.2-op; 1.3.9-aw; 1.2.2-aw; 2.1.2-aw

17. Check that the Certificate Holder's manual contains instructions and procedures to ensure that it does not

	operate an aircraft after maintenance, preventive maintenance or alterations are performed on the aircraft unless it, or the person with whom the it has arranged for the performance of the maintenance, preventive maintenance, or alterations, prepares or causes to be prepared an airworthiness release. Sources: 121.709(a)(1); 121.135(b)(16) Interfaces: 1.2.3–aw; 2.1.2–aw; 1.2.1–aw; 1.1.1–aw; 2.1.2–op	
18.	Check that the Certificate Holder's manual contains instructions and procedures that the airworthiness release or log entry required by FAR 121.709 (a) must include a certification that: The work was performed in accordance with the requirements of the Certificate Holder's manual. All items required to be inspected were inspected by an authorized person who determined that the work was satisfactorily completed. No known condition exists that would make the airplane unairworthy. So far as the work performed is concerned, the aircraft is in condition for safe operation. Sources: 121.709(b)(2)(i); 121.709(b)(2)(ii); 121.709(b)(2)(iii); 121.709(b)(2)(iii); 121.709(b)(2)(iiii); 121.709(b)(2)(iiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiii	
19.	Check that the Certificate Holder's manual contains instructions and procedures that the airworthiness release or log entry, required by FAR 121.709 (a), must be signed by an authorized certificated mechanic or repairman, except that a certificated repairman may sign the release or entry only for the work for which he is employed and certificated. Sources: 121.709(b)(3); 121.135(b)(16) Interfaces: 1.2.1-aw; 4.4.3-aw; 4.4.4-aw; 1.1.1-aw; 2.1.2-aw; 2.1.2-op	
.14Does	s the Certificate Holder's manual contain time limitations, or	□ Yes
inspe appli	tandards for determining time limitations, for overhauls, ections, and checks of airframes, engines, propellers, ances, and emergency equipment? s: 121.135(b)(17)	□ No, Explain
Rela	ted Design JTI's:	
i 1 1 6	Check that the Certificate Holder's manual contains information that is appropriate to maintenance personnel regarding: Time limitations, or standards for determining time limitations, for overhauls, inspections, and checks of airframes, engines, propellers, appliances and emergency equipment. Sources: 121.135(b)(17) Interfaces: 1.3.1–aw; 1.3.2–aw; 1.1.1–aw; 1.3.4–aw; 2.1.2–op; 2.1.2–aw	
	op, an	L

aird con pro	es the Certificate Holder's manual contain procedures for refueling craft and do those procedures allow for the elimination of fuel stamination and provide for fire protection that includes electrostatic tection? Rs: 121.135(b)(18)	☐ Yes ☐ No, Explain
<i>Re.</i> 1.	Check that the Certificate Holder's manual contains information that is appropriate to maintenance personnel regarding: Procedures for refueling aircraft, eliminating fuel contamination, protection from fire (including electrostatic protection), and supervising and protecting passengers during refueling. Sources: 121.135(b)(18) Interfaces: 2.1.2-aw; 1.1.1-aw; 1.3.16-aw; 2.1.2-op; 1.3.7-aw; 7.2.1-op	
ins _l sta per	es the Certificate Holder's manual contain airworthiness pections, including the instructions covering procedures, and authority of inspection sonnel? Rs: 121.135(b)(19)	☐ Yes ☐ No, Explain
1.	Check that the Certificate Holder's manual contains information that is appropriate to maintenance personnel regarding: Airworthiness inspections, including instructions covering procedures, standards, responsibilities, and authority of inspection personnel. Sources: 121.135(b)(19) Interfaces: 1.2.1–aw; 1.3.1–aw; 1.3.4–aw; 1.1.1–aw; 1.3.2–aw; 7.1.2–aw	
2.	Check that the Certificate Holder's manual has instructions and procedures to ensure that competent personnel and adequate facilities and equipment are provided for the proper performance of maintenance, preventive maintenance, and alterations in its inspection program. Sources: 121.367(b); 121.135(b)(19) Interfaces: 4.2.1-aw; 2.1.2-aw; 4.1.2-aw; 2.1.2-op; 4.4.1-aw; 4.4.4-aw; 4.4.3-aw	
3.	Check that the Certificate Holder's manual has a instructions and procedures to ensure that no person will be used to perform required inspections unless the person performing the inspection is appropriately certificated, properly trained, qualified, and authorized to do so. Sources: 121.371(a); 121.135(b)(19) Interfaces: 1.3.4–aw; 4.2.2–aw; 4.1.1–aw; 1.3.2–aw; 7.1.2–aw	
4.	Check that the Certificate Holder's manual contains instructions and procedures to prevent any person from performing a required inspection unless, at that time, the person performing that inspection is under the supervision and control of an inspection unit.	

	5.	Sources: 121.371(b); 121.135(b)(19) Interfaces: 1.3.4-aw; 1.3.2-aw; 7.1.2-aw; 4.1.1-aw Check that the Certificate Holder's manual contains instructions and procedures that no person may perform a required inspection if he performed the item of work required to be inspected. Sources: 121.371(c); 121.135(b)(19)	
		Interfaces: 1.3.4-aw; 7.1.2-aw; 1.3.2-aw; 4.1.1-aw Check that the Certificate Holder's manual contains instructions and procedures to ensure Certificate Holder shall maintain, or shall determine that each person with whom it arranges to perform its required inspections maintains, a current listing of persons who have been trained, qualified, and authorized to conduct required inspections. The persons must be identified by name, occupational title, and the inspections that they are authorized to perform. Sources: 121.371(d); 121.135(b)(19) Interfaces: 2.1.2-op; 1.3.2-aw; 4.1.1-aw; 1.3.7-aw;	
		4.2.2–aw; 2.1.2–aw Check that the Certificate Holder's manual contains instructions and procedures that ensures the Certificate Holder (or person with whom it arranges to perform its required inspections) shall give written information to each person so authorized describing the extent of his responsibilities authorities, and inspectional limitations. Sources: 121.371(d); 121.135(b)(19) Interfaces: 1.3.7–aw; 2.1.2–aw; 4.1.1–aw; 1.3.2–aw; 2.1.2–op	
1.17	prod grav	es the Certificate Holder's manual contain methods and cedures for maintaining the aircraft weight and center of vity within approved limits? Rs: 121.135(b)(20)	☐ Yes ☐ No, Explain
		check that the Certificate Holder's manual contains instructions and procedures that are appropriate to maintenance personnel regarding methods and procedures for maintaining the aircraft weight and center of gravity within approved limits. Sources: 121.135(b)(20) Interfaces: 1.1.1-aw; 2.1.2-op; 1.3.17-aw; 2.1.2-aw	
1.18	mai	es the Certificate Holder's manual contain a chart or description of its ntenance organization? Rs: 121.365(a); 121.365(b); 121.369(a)	□ Yes □ No, Explain
		ated Design JTI's: Check that the Certificate Holder's manual contains instructions that it shall include in its manual a chart or description of the Certificate Holder's organization, and a list of persons with whom it has arranged for the performance of any of its required inspections, other	

maintenance, preventive maintenance, or alterations, including a general description of that work. Sources: 121.369(a); 121.135(b)(24) Interfaces: 2.1.2-op; 1.3.13-aw; 1.3.7-aw; 1.3.12-aw; 1.3.4-aw; 2.1.2-aw; 7.1.6-aw; 1.3.2-aw; 1.3.1-aw	
1.19Does the Certificate Holder's manual list all persons with whom it has arranged for the performance of its required inspections, other maintenance, preventive maintenance, or alterations, including a description of that work? SRRs: 121.365(a); 121.365(b); 121.369(a)	☐ Yes ☐ No, Explain
 Related Design JTI's: 1. Check that the Certificate Holder's manual has a policy that there is a list of persons with whom it has arranged for the performance of any of its required inspections, other maintenance, preventive maintenance, or alterations, including a general description of that work. Sources: 121.369(a); 121.135(b)(1) Interfaces: 1.3.7-aw; 1.3.9-aw; 1.3.2-aw; 1.2.2-aw; 1.3.5-aw; 1.3.1-aw; 1.3.4-aw 	
 Check that the Certificate Holder's manual has instructions and procedures to ensure that there is a list of persons with whom it has arranged for the performance of any of its required inspections, other maintenance, preventive maintenance, or alterations, including a general description of that work. Sources: 121.369(a); 121.135(b)(19) Interfaces: 1.3.1-aw; 1.3.7-aw; 1.3.9-aw; 1.3.4-aw; 1.2.2-aw; 1.3.5-aw; 1.3.2-aw 	
1.20Does the Certificate Holder's manual provide a method of performing routine and non-routine maintenance (other than required inspections), preventive maintenance, and alterations? SRRs: 121.369(b)(1)	☐ Yes ☐ No, Explain
Related Design JTI's: 1. Check that the Certificate Holder's manual contains instructions and information to its personnel regarding the methods of performing routine and non–routine maintenance (other than required inspections), preventive maintenance, and alterations on their airplanes, including airframes, aircraft engines, propellers, appliances, emergency equipment, and parts thereof. Sources: 121.369(b)(1); 121.135(a)(1) Interfaces: 1.3.9–aw; 1.3.8–aw; 2.1.2–aw; 1.3.12–aw; 1.3.13–aw; 4.1.1–aw; 1.3.4–aw; 7.1.2–aw; 4.2.2–aw; 2.1.2–op; 1.3.1–aw	
1.21 Does the Certificate Holder's manual include a designation of items that must be inspected (required inspections)? SRRs: 121.369(b)(2)	☐ Yes ☐ No, Explain
Related Design JTI's: 1. Check that the Certificate Holder's manual contains instructions and procedures that a designation of the items	

of maintenance and alteration that must be inspected (required inspections), including at least those that could result in a failure, malfunction, or defect endangering the safe operation of the aircraft, if not performed properly or if improper parts or materials are used will be maintained. Sources: 121.369(b)(2); 121.135(b)(19) Interfaces: 1.3.4–aw; 4.2.2–aw; 2.1.2–aw; 4.1.1–aw; 1.3.1–aw; 7.1.2–aw; 2.1.2–op 1.22Does the Certificate Holder's manual provide a method of	□Yes
performing required inspections? SRRs: 121.369(b)(3)	□ No, Explain
Related Design JTI's: 1. Check that the Certificate Holder's manual has instructions and procedures regarding the method of performing required inspections and a designation by occupational title of personnel authorized to perform each required inspection. Sources: 121.369(b)(3); 121.135(b)(19) Interfaces: 4.2.2-aw; 2.1.2-aw; 7.1.2-aw; 1.3.1-aw; 2.1.2-op; 4.1.1-aw; 1.3.4-aw	
1.23Does the Certificate Holder's manual contain a designation by occupational title of personnel authorized to perform each required inspection? SRRs: 121.369(b)(3)	☐ Yes ☐ No, Explain
Related Design JTI's: 1. Check that the Certificate Holder's manual has instructions and procedures regarding the method of performing required inspections and a designation by occupational title of personnel authorized to perform each required inspection. Sources: 121.369(b)(3); 121.135(b)(19) Interfaces: 4.2.2-aw; 2.1.2-aw; 7.1.2-aw; 1.3.1-aw; 2.1.2-op; 4.1.1-aw; 1.3.4-aw	
1.24Does the Certificate Holder's manual contain buy–back procedures? SRRs: 121.369(b)(4)	☐ Yes ☐ No, Explain
Related Design JTI's: 1. Check that the Certificate Holder's manual has procedures for the re–inspection of work performed pursuant to previous required inspection findings ("buy–back procedures"). Sources: 121.369(b)(4) Interfaces: 2.1.2–op; 4.2.2–aw; 7.1.2–aw; 1.3.1–aw; 2.1.2–aw; 1.3.4–aw; 4.1.1–aw	
1.25 Does the Certificate Holder's manual contain procedures, standards, and limits necessary to allow for the acceptance or rejection of items that must be inspected? SRRs: 121.369(b)(5)	☐ Yes ☐ No, Explain

Related Design JTI's:	
 Check that the Certificate Holder's manual has procedures, standards, and limits necessary for required inspections and acceptance or rejection of the items required to be inspected and for periodic inspection and calibration of precision tools, measuring devices, and test equipment. Sources: 121.369(b)(5) Interfaces: 7.1.2-aw; 4.2.2-aw; 1.3.1-aw; 1.3.4-aw; 2.1.2-op; 	
4.1.1–aw; 2.1.2–aw	
1.26Does the Certificate Holder's manual contain procedures, standards, and limits necessary for the periodic inspection and calibration of precision tools, measuring devices, and test	☐ Yes ☐ No, Explain
equipment? SRRs: 121.369(b)(5)	
1.27Does the Certificate Holder's manual contain procedures to ensure that all required inspections are accomplished? SRRs: 121.369(b)(6)	☐ Yes ☐ No, Explain
Related Design JTI's: 1. Check that the Certificate Holder's manual has procedures to ensure that all required inspections are performed. Sources: 121.369(b)(6) Interfaces: 1.3.4-aw; 2.1.2-aw; 1.3.1-aw; 2.1.2-op	
1.28 Does the Certificate Holder's manual provide instructions to those persons who perform work that must be inspected (required inspection) that they may not perform the required inspection of that work? SRRs: 121.369(b)(7); 121.371(c)	☐ Yes ☐ No, Explain
 Related Design JTI's: Check that the Certificate Holder's manual has instructions and procedures to prevent any person who performs any item of work from performing any required inspection of that work. Sources: 121.369(b)(7); 121.135(b)(19) Interfaces: 2.1.2-op; 2.1.2-aw; 1.3.4-aw 	
1.29 Does the Certificate Holder's manual contain instructions and procedures for countermanding a decision of a person performing a required inspection? SRRs: 121.369(b)(8)	☐ Yes ☐ No, Explain
 Related Design JTI's: 1. Check that the Certificate Holder's manual has instructions and procedures to prevent any decision of an inspector, regarding any required inspection from being countermanded by persons other than supervisory personnel of the inspection unit, or a person at that level of administrative control that has overall responsibility for the management of both the required inspection functions and the other maintenance, preventive maintenance, and alterations functions. Sources: 121.369(b)(8) Interfaces: 2.1.2-op: 1.3.4-aw: 2.1.2-aw 	

1.30 Does the Certificate Holder's manual contain procedures to ensure that required inspections, other maintenance, preventive maintenance, and alterations that are not completed as a result of a shift change or work interruptions are properly accomplished before the aircraft is returned to service? SRRs: 121.369(b)(9)	□ Yes □ No, Explain
 Related Design JTI's: Check that the Certificate Holder's manual has procedures to ensure that required inspections, other maintenance, preventive maintenance, and alterations that are not completed as a result of shift changes or similar work interruptions are properly completed before the aircraft is released to service. Sources: 121.369(b)(9) Interfaces: 1.2.1-aw; 1.2.3-aw; 1.1.1-aw; 7.2.1-op 	
1.31 Does the Certificate Holder's manual include procedures for keeping adequate copies of the aircraft maintenance log in its aircraft and readily accessible to each flight crewmember? SRRs: 121.701(b)	☐ Yes ☐ No, Explain
Related Design JTI's: 1. Check that the Certificate Holder's manual has procedures for keeping adequate copies of the airplane maintenance record in the airplane, and in a place readily accessible to each flight crewmember. Sources: 121.701(b) Interfaces: 1.2.3-aw; 2.1.2-aw; 1.2.1-aw; 2.1.2-op	
2. Check that the Certificate Holder's manual contains instructions and procedures that the airworthiness release or log entry required by FAR 121.709 (a) must include a certification that: The work was performed in accordance with the requirements of the Certificate Holder's manual. All items required to be inspected were inspected by an authorized person who determined that the work was satisfactorily completed. No known condition exists that would make the airplane unairworthy. So far as the work performed is concerned, the aircraft is in condition for safe operation. Sources: 121.709(b)(2)(i); 121.709(b)(2)(ii); 121.135(b)(16)	
Interfaces: 2.1.2-op; 1.1.1-aw; 2.1.2-aw; 1.2.1-aw 1.32Does the Certificate Holder's manual contain procedures for the	□Yes
preparation of an airworthiness release? SRRs: 121.709(b)(1)	□ No, Explain
Related Design JTI's: 1. Check that the Certificate Holder's manual contains instructions and procedures that the airworthiness release or log entry required by FAR 121.709 (a) must be prepared in accordance with the procedures set forth in its manual.	

Sources: 121.709(b)(1); 121.135(b)(16) Interfaces: 1.2.3-aw; 2.1.2-aw; 1.2.1-aw; 1.1.1-aw; 2.1.2-op	
1.33Does the Certificate Holder's manual contain procedures for making entries in its aircraft maintenance logs? SRRs: 121.709(b)(1)	☐ Yes ☐ No, Explain
1.34Does the Certificate Holder's General Maintenance Manual / Equivalent comply with the guidance contained in FAA Order 8300.10?	□ Yes □ No, Explain
Related Design JTI's:	, '
 Check that the Certificate Holder's manual contains instructions and requirements for any specific type of aircraft that is part of the scheduled maintenance program. Sources: 8300.10 Volume. 3, Chapter 36, Section 1, Paragraph 7. (1) 	
 Interfaces: 2.1.2-aw; 1.3.1-aw; 2.1.2-op Check that the Certificate Holder's manual system has procedures for the reporting and correction of mechanical irregularities, which must determine the qualifications of persons who perform airworthiness releases. Sources: 8300.10 Volume. 2, Chapter 63, Section 2, Paragraph F (13)(g) Interfaces: 4.4.3-aw; 2.1.2-op; 4.4.4-aw; 1.2.1-aw; 1.1.1-aw; 2.1.2-aw 	
3. Check that the Certificate Holder's manual system has procedures for the reporting and correction of mechanical irregularities, which must determine the authorization of persons who perform airworthiness releases. Sources: 8300.10 Volume. 2, Chapter 63, Section 2, Paragraph F (13)(g) Interfaces: 1.1.1-aw; 2.1.2-aw; 1.2.1-aw; 4.4.3-aw; 2.1.2-op; 4.4.4-aw	
 Check that the Certificate Holder's manual system has procedures for the reporting and correction of mechanical irregularities, which must address the definition of when an airworthiness release is required. Sources: 8300.10 Volume. 2, Chapter 63, Section 2, Paragraph F (13)(h) Interfaces: 1.2.1-aw; 2.1.2-aw; 4.4.4-aw; 4.4.3-aw; 1.1.1-aw; 2.1.2-op 	
 Check that the Certificate Holder's manual system has procedures for the reporting and correction of mechanical irregularities, which must address the form and manner in which an airworthiness release will be documented. Sources: 8300.10 Volume. 2, Chapter 63, Section 2, Paragraph F (13)(i) Interfaces: 2.1.2-op; 2.1.2-aw; 4.4.3-aw; 4.4.4-aw; 1.2.1-aw; 1.1.1-aw 	
6. Check that the Certificate Holder's manual has procedures for the reporting and correction of mechanical irregularities, which must	

include the use of the Minimum Equipment List.

Sources: 8300.10 Volume. 2, Chapter 63, Section 2, Paragraph 5 F (13) (c)

Interfaces: 3.2.3-op; 1.2.1-aw; 1.3.5-aw; 1.1.1-aw

 Check that the Certificate Holder's manual has procedures for the reporting and correction of mechanical irregularities, which must include the use of the Minimum Equipment List placards. Sources: 8300.10 Volume. 2, Chapter 63, Section 2, Paragraph 5 F (13) (d)

Interfaces: 1.1.1-aw; 3.2.3-op; 1.3.5-aw; 1.2.1-aw

8. Check that the Certificate Holder's manual has procedures for the reporting and correction of mechanical irregularities, which must address deferred maintenance.

Sources: 8300.10 Volume. 2, Chapter 63, Section 2, Paragraph 5 F (13) (e)

Interfaces: 1.1.1-aw; 1.2.1-aw; 1.3.5-aw; 3.2.3-op

- 9. Check that the Certificate Holder's manual contains procedures for administering: Items that require a test flight Test flight requirements Procedures for performing test flights

 Sources: 8300.10 Volume. 2, Chapter 63, Section 1, Paragraph 7.

 A(2) 8300.10 Volume. 2, Chapter 63, Section 2, Paragraph F (16)

 Interfaces: 2.1.2-op; 1.3.1-aw; 2.1.2-aw
- Check that the Certificate Holder's manual has procedures to ensure that there are provisions for accountability and for meeting the recording requirements of FAR 121.380.
 Sources: 8300.10 Volume. 3, Chapter 36, Section 1, Paragraph 7. C (1)

Interfaces: 1.2.3-aw; 1.2.1-aw

11. Check that the Certificate Holder's manual has procedures regarding unscheduled maintenance and the record used to document occurrences and the resulting corrective actions between scheduled inspections.

Sources: 8300.10 Volume. 3, Chapter 36, Section 1, Paragraph 7. D (3) (a)

Interfaces: 1.2.1-aw; 1.2.3-aw

12. Check that the Certificate Holder's manual has procedures regarding unscheduled maintenance and inspection discrepancy forms (non–routine coupons), to document unscheduled maintenance tasks in conjunction with scheduled maintenance.

Sources: 8300.10 Volume. 3, Chapter 36, Section 1, Paragraph 7. D (3) (a)

Interfaces: 1.2.1-aw; 1.2.3-aw

13. Check that the Certificate Holder's manual has instructions and requirements for a specific type of aircraft to accomplish scheduled checks (lettered, phased, numbered, etc.), including the job cards for accomplishing these checks.

Sources: 8300.10 Volume. 3, Chapter 36, Section 1, Paragraph 7. C (1)

Interfaces: 1.3.1-aw; 1.3.2-aw

14.

Check that the Certificate Holder's manual has instructions and requirements for a specific type of aircraft and may include the job cards for accomplishing recurring non–routine maintenance, i.e., engine change cards, propeller change cards, etc.

Sources: 8300.10 Volume. 3, Chapter 36, Section 1, Paragraph 7. C (1) 8300.10 Volume. 2, Chapter 63, Section 1, Paragraph 7. B Interfaces: 1.3.2–aw; 1.3.1–aw

 Check that the Certificate Holder's manual has procedures for the following: Engine change Propeller change Cylinder change Sources: 8300.10 Volume. 2, Chapter 63, Section 2, Paragraph 5 F (19)

Interfaces: 1.3.2-aw; 1.3.1-aw

16. Check that the Certificate Holder's manual contains instructions and standards to accomplish unscheduled maintenance tasks, including unscheduled maintenance which is provided in the operator's technical manuals, consisting of the aircraft structural repair manual and manufacturer's maintenance manuals for aircraft, engine, propeller, and appliances.

Sources: 8300.10 Volume. 3, Chapter 36, Section 1, Paragraph 7. D (3) (b)

Interfaces: 1.3.1-aw; 1.3.2-aw

17. Check that the Certificate Holder's manual contains procedures for the repair/overhaul of engines, propellers, and appliances, including shop operations, which would encompass scheduled and unscheduled tasks remote from the maintenance performed on the aircraft as a unit.

Sources: 8300.10 Volume. 3, Chapter 36, Section 1, Paragraph 7. D (4)

Interfaces: 2.1.2-op; 1.3.10-aw; 2.1.2-aw; 1.3.1-aw; 1.3.15-aw

18. Check that the Certificate Holder's manual contains instructions for structural inspection/airframe overhaul.

Sources: 8300.10 Volume. 3, Chapter 36, Section 1, Paragraph 7. D (5)

Interfaces: 1.3.2-aw; 1.3.1-aw; 2.1.2-op; 2.1.2-aw

Check that the Certificate Holder's manual contains procedures for aircraft that are identified in a particular structural inspection document, to ensure these additional age-related structural inspections are incorporated into its scheduled inspection program.
 Sources: 8300.10 Volume. 3, Chapter 36, Section 1, Paragraph 7. D
 (6)

Interfaces: 2.1.2-aw; 1.3.2-aw; 1.3.1-aw; 2.1.2-op

20. Check that the Certificate Holder's manual contains instructions regarding ferry flight limitations.

Sources: 8300.10 Volume. 2, Chapter 63, Section 2, Paragraph F (17)

Interfaces: 2.1.2-aw; 7.1.6-aw; 1.1.3-aw; 1.1.1-aw; 1.3.1-aw; 2.1.2-op

21. Check that the Certificate Holder's manual contains instructions for special maintenance/safety considerations including quality control procedures for the inspection of low intensity ignition sources which

can consist of the following: Arc tracking of aircraft wiring and/or fluorescent light ballasts. Arcing light sockets and/or battery ground cables.

Sources: Safety (8300.10 Volume. 3, Chapter 36, Section 1, Paragraph 7. E (1)(b)) *Interfaces:* 2.1.2-aw; 2.1.2-op; 7.1.6-aw; 1.1.1-aw; 1.3.1-aw; 1.3.2-aw

- 22. Check that the Certificate Holder's manual contains procedures for special maintenance/safety considerations including addressing the periodic inspection of aircraft wiring and the removal of contaminants, especially in inaccessible areas.

 Sources: Safety (8300.10 Volume. 3, Chapter 36, Section 1, Paragraph 7. E (1)(b)) Interfaces: 2.1.2-op; 1.3.2-aw; 1.3.1-aw; 7.1.6-aw; 2.1.2-aw; 1.1.1-aw
- 23. Check that the Certificate Holder's manual contains procedures for special maintenance/safety considerations including conditions associated with Kapton insulation breakdown.

 Sources: Safety (8300.10 Volume. 3, Chapter 36, Section 1, Paragraph 7. E (1)(c)) Interfaces: 1.1.1-aw; 2.1.2-op; 7.1.6-aw; 1.3.2-aw; 1.3.1-aw; 2.1.2-aw
- Check that the Certificate Holder's manual has procedures which include engine and propeller overspeed
 Sources: 8300.10 Volume. 2, Chapter 63, Section 2, Paragraph 5 F
 (19)
 Interfaces: 7.1.6–aw; 2.1.2–aw; 1.3.1–aw; 1.1.1–aw; 1.3.2–aw; 2.1.2–op
- Check that the Certificate Holder's manual has procedures which include: High oil consumption Oil leaks
 Sources: 8300.10 Volume. 2, Chapter 63, Section 2, Paragraph 5 F (19)
 Interfaces: 2.1.2-op; 1.1.1-aw; 2.1.2-aw; 1.3.1-aw; 1.3.2-aw; 7.1.6-aw
- Check that the Certificate Holder's manual has procedures which include: Engine and propeller troubleshooting.
 Sources: 8300.10 Volume. 2, Chapter 63, Section 2, Paragraph 5 F (19)
 Interfaces: 1.3.2-aw; 1.3.1-aw; 1.1.1-aw; 2.1.2-op; 7.1.6-aw; 2.1.2-aw
- Check that the Certificate Holder's manual has procedures for additional maintenance requirements for Category II or Category III operations, if applicable.
 Sources: 8300.10 Volume. 2, Chapter 63, Section 2, Paragraph 5 F (20)
 Interfaces: 2.1.2-aw; 3.1.10-op; 7.1.6-aw; 1.3.19-aw; 1.3.2-aw; 1.1.1-aw; 1.3.1-aw; 2.1.2-op
- Check that the Certificate Holder's manual contains procedures for conducting ferry flights.
 Sources: 8300.10 Volume. 2, Chapter 63, Section 2, Paragraph F (17)
 Interfaces: 2.1.2-op; 1.3.1-aw; 2.1.2-aw; 1.1.1-aw; 7.1.6-aw; 1.1.3-aw

29. Check that the Certificate Holder's manual has procedures to ensure that required aircraft and engine utilization reports are submitted to the CHDO.

Sources: 8300.10 Volume. 2, Chapter 63, Section 2, Paragraph F (18)

Interfaces: 1.3.15-aw; 1.3.1-aw; 1.3.11-aw

30. Check that the Certificate Holder's manual contains instructions for scheduled maintenance tasks performed at prescribed intervals. Replacement of life–limited items Replacement of components for periodic overhaul or repair Special inspections such as x–rays Checks of tests for on–condition items Lubrication Sources: 8300.10 Volume. 3, Chapter 36, Section 1, Paragraph 7. D (2) (a)

Interfaces: 1.2.3-aw; 2.1.2-aw; 1.3.1-aw; 1.3.6-aw; 2.1.2-op

31. Check that the Certificate Holder's manual contains instructions and a standard for accomplishing each scheduled maintenance task to ensure that the work is done in accordance with established procedures and is properly recorded.

Sources: 8300.10 Volume. 3, Chapter 36, Section 1, Paragraph 7. D (2) (b)

Interfaces: 2.1.2-op; 1.3.1-aw; 1.3.2-aw; 2.1.2-aw; 1.2.3-aw

32. Check that the Certificate Holder's manual contains instructions for special maintenance/safety considerations including: Inspection of emergency and floatation equipment in accordance with FAR Section 121.309(b)(1), with the frequency of inspection being the interval defined in the air carrier's operation specification controlled maintenance program.

Sources: 8300.10 Volume. 3, Chapter 36, Section 1, Paragraph 7. E (2)

Interfaces: 1.2.3-aw; 2.1.2-op; 1.3.1-aw; 1.3.2-aw; 2.1.2-aw

33. Check that the Certificate Holder's manual contains instructions and procedures to designate those items that need to be inspected, and must develop methods for performing the required inspections. The operator should consider the following when determining what tasks to designate as RII items: Installation, rigging, and adjustments of flight controls and surfaces Installation and repair of major structural components Installation of an aircraft engine, propeller or rotor, and the overhaul Calibration of certain components, such as engines, propellers, transmissions, and gearboxes, or navigational equipment, the failure of which would affect the safe operation of the aircraft.

Sources: 8300.10 Volume. 3, Chapter 36, Section 1, Paragraph 7. D (7)(a)

Interfaces: 1.3.8-aw; 2.1.2-aw; 1.3.4-aw; 2.1.2-op

34. Check that the Certificate Holder's manual contains instructions and procedures to evaluate the work program and identify RII items in a suitable manner.

Sources: 8300.10 Volume. 3, Chapter 36, Section 1, Paragraph 7. D (7)(b)

Interfaces: 2.1.2-op; 1.3.1-aw; 1.3.4-aw; 2.1.2-aw

35. Check that the Certificate Holder's manual contains instructions and procedures to ensure those RII items are accomplished regardless of an awkward time or inconvenient location.

Sources: 8300.10 Volume. 3, Chapter 36, Section 1, Paragraph 7. D (7)

Interfaces: 2.1.2-aw; 2.1.2-op; 1.3.4-aw

36. Check that the Certificate Holder's manual contains procedures for routine inspections and tests performed on the aircraft at prescribed intervals.

Sources: 8300.10 Volume. 3, Chapter 36, Section 1, Paragraph 7. D (1)

Interfaces: 2.1.2-op; 2.1.2-aw; 1.3.2-aw

37. Check that the Certificate Holder's manual has procedures to ensure compliance with aircraft weight and balance limitations and are to include: Pre–weighing and weighing requirements Necessary equipment Standards Forms and documents

Sources: 8300.10 Volume. 2, Chapter 63, Section 2, Paragraph 5 E
(1)

Interfaces: 2.1.2-aw; 1.3.17-aw; 2.1.2-op; 1.1.1-aw

38. Check that the Certificate Holder's manual has procedures to ensure that training programs include a training program description, maintenance training requirements, and information about the frequency of training.

Sources: 8300.10 Volume. 2, Chapter 63, Section 2, Paragraph 11 Interfaces: 4.2.2-aw; 4.2.8-op; 4.2.1-aw; 4.2.8-aw; 7.2.1-op; 4.2.6-op

39. Check that the Certificate Holder's manual contains procedures to ensure that its page control system shows the number of pages and includes the latest revision date (LEP).

Sources: 8300.10 Volume. 2, Chapter 63, Section 1, Paragraph 7. E *Interfaces:* 2.1.4–op; 2.1.4–aw; 2.1.2–op; 2.1.2–aw

40. Check that the Certificate Holder's manual has procedures addressing seasonal operations.

Sources: 8300.10 Volume. 2, Chapter 63, Section 2, Paragraph F (19)

Interfaces: 4.2.1-aw; 7.2.1-op

41. Check that the Certificate Holder's manual has procedures to remove ice and snow from aircraft.

Sources: 8300.10 Volume. 2, Chapter 63, Section 2, Paragraph F (19)

Interfaces: 4.2.1-aw; 7.2.1-op

42. Check that the Certificate Holder's manual has procedures regarding use of ramp signals.

Sources: 8300.10 Volume. 2, Chapter 63, Section 2, Paragraph F (19)

Interfaces: 4.2.1-aw; 7.2.1-op; 2.1.2-op; 2.1.2-aw

43. Check that the Certificate Holder's manual has procedures for the following: Run-up/taxi personnel authorizations Aircraft ground run-up Taxiing aircraft

Sources: 8300.10 Volume. 2, Chapter 63, Section 2, Paragraph F

(19)

Interfaces: 7.2.1-op; 2.1.2-aw; 4.2.1-aw; 2.1.2-op

44. Check that the Certificate Holder's manual has procedures regarding towing.

Sources: 8300.10 Volume. 2, Chapter 63, Section 2, Paragraph F (19)

Interfaces: 4.2.1-aw; 2.1.2-aw; 2.1.2-op; 7.2.1-op

45. Check that the Certificate Holder's manual has procedures regarding parking aircraft in high winds.

Sources: 8300.10 Volume. 2, Chapter 63, Section 2, Paragraph F (19)

Interfaces: 2.1.2-op; 7.2.1-op; 4.2.1-aw; 2.1.2-aw

Check that the Certificate Holder's manual has procedures regarding Short-term storage Long-term storage
 Sources: 8300.10 Volume. 2, Chapter 63, Section 2, Paragraph F (19)

Interfaces: 2.1.2-aw; 1.1.1-aw; 7.2.1-op; 2.1.2-op; 4.2.1-aw; 1.3.1-aw

47. Check that the Certificate Holder's manual has procedures regarding jacking, lifting, and hoisting.

Sources: 8300.10 Volume. 2, Chapter 63, Section 2, Paragraph F (19)

Interfaces: 2.1.2-aw; 1.1.1-aw; 4.2.1-aw; 7.2.1-op; 2.1.2-op; 1.3.1-aw

48. Check that the Certificate Holder's manual has procedures regarding the use of landing gear down locks and external gust locks.

Sources: 8300.10 Volume. 2, Chapter 63, Section 2, Paragraph F (19)

Interfaces: 2.1.2-op; 1.3.1-aw; 7.2.1-op; 2.1.2-aw; 1.1.1-aw; 4.2.1-aw

49. Check that the Certificate Holder's manual has procedures regarding aircraft cleaning, including materials used for cleaning and flame-proofing materials after dry cleaning.

Sources: 8300.10 Volume. 2, Chapter 63, Section 2, Paragraph F (19)

Interfaces: 4.2.1-aw; 1.3.1-aw; 1.1.1-aw; 7.2.1-op

Check that the Certificate Holder's manual has procedures regarding oxygen and nitrogen servicing and storage.
 Sources: 8300.10 Volume. 2, Chapter 63, Section 2, Paragraph F (19)

Interfaces: 1.3.1-aw; 1.1.1-aw; 7.2.1-op; 4.2.1-aw

51. Check that the Certificate Holder's manual has procedures to ensure that the manual is available to maintenance and ground personnel.

Sources: 8300.10 Volume. 2, Chapter 63, Section 2, Paragraph 5 C (2)

Interfaces: 2.1.3-op; 2.1.3-aw

52. Check that the Certificate Holder's manual has procedures to ensure that a copy is furnished to the FAA Certificate Holding

District Office (CHDO).

Sources: 8300.10 Volume. 2, Chapter 63, Section 2, Paragraph 5 C (2)

Interfaces: 2.1.3-op; 2.1.3-aw

53. Check that the Certificate Holder's manual contains procedures to ensure that the names of all management personnel authorized to sign applicable operations specifications and act on behalf of the operator/applicant are listed.

Sources: 8300.10 Volume. 2, Chapter 63, Section 2, Paragraph 5 D (1)

Interfaces: 2.1.2–aw; 2.1.1–aw; 7.1.2–aw; 7.1.1–aw; 2.1.1–op; 2.1.2–op; 3.1.13–op

54. Check that the Certificate Holder's manual has procedures to address organizational matters in the policies and procedures section.

Sources: 8300.10 Volume. 2, Chapter 63, Section 1, Paragraph 7. A(1)

Interfaces: 2.1.2-aw; 2.1.2-op

- 55. Check that the Certificate Holder's manual has procedures to ensure that the application of pertinent technical documents is contained in the policy and procedures section of the manual. *Sources:* 8300.10 Volume. 2, Chapter 63, Section 1, Paragraph 7. C *Interfaces:* 2.1.2–aw; 2.1.2–op
- 56. Check that the Certificate Holder's manual contains policies for administering: Inspection requirements Maintenance requirements Test flight requirements Other subjects as applicable *Sources:* 8300.10 Volume. 2, Chapter 63, Section 1, Paragraph 7. A(2)

Interfaces: 1.3.2-aw; 7.1.6-aw; 1.3.1-aw; 1.1.3-aw

57. Check that the Certificate Holder's manual contains policies for the use of the Minimum Equipment List and Configuration Deviation List, if applicable.

Sources: 8300.10 Volume. 2, Chapter 63, Section 2, Paragraph 5 E (3)

Interfaces: 1.1.2-op; 1.2.1-aw; 1.3.5-aw; 1.3.1-aw; 1.1.1-aw; 1.1.2-aw; 3.2.3-op

58. Check that the Certificate Holder's manual system has instructions that ensure that the manual contains required organizational charts that must include: Lines of authority Maintenance organization and support structures

Sources: 8300.10 Volume. 2, Chapter 63, Section 2, Paragraph 5. D(2)

Interfaces: 7.1.1–aw; 7.1.2–aw; 7.1.6–aw; 7.1.3–aw; 3.1.13–op; 7.1.3–op; 7.1.4–op; 7.1.5–op

59. Check that the Certificate Holder's manual contains instructions to include a description introducing its philosophy and goals in its manual.

Sources: 8300.10 Volume. 2, Chapter 63, Section 2, Paragraph 5 C (1)

Interfaces: 1.3.1-aw; 2.1.2-op; 2.1.2-aw

60. Check that the Certificate Holder's manual contains procedures to ensure the total continuous airworthiness maintenance program is detailed in the operator's manual system. The manual(s) must contain specific maintenance and inspection tasks, including methods, standards, and techniques for accomplishing these tasks. *Sources:* 8300.10 Volume. 3, Chapter 36, Section 1, Paragraph 5. B (1)

Interfaces: 2.1.2-op; 1.3.1-aw; 2.1.2-aw

61. Check that the Certificate Holder's manual contains procedures for when the publications of a contractor are adopted in part or in total by the operator as methods, techniques, and standards. The operator's manual must describe the applicability and authority of the affected publication.

Sources: 8300.10 Volume. 2, Chapter 69, Section 1, Paragraph 5. A (3)

Interfaces: 2.1.2-op; 1.3.1-aw; 2.1.2-aw; 1.3.7-aw

- 62. Check that the Certificate Holder's manual contains procedures for the use of work forms, job cards, and/or other methods to accomplish the scheduled maintenance program.

 Sources: 8300.10 Volume. 3, Chapter 36, Section 1, Paragraph 5. C Interfaces: 2.1.2–aw; 1.3.1–aw; 2.1.2–op
- 63. Check that the Certificate Holder's manual has procedures for the reporting and correction of mechanical irregularities, which include a list of required maintenance–related forms and the requirements for preparation.

Sources: 8300.10 Volume. 2, Chapter 63, Section 2, Paragraph F (13) (k)

Interfaces: 2.1.2-op; 2.1.2-aw; 1.3.1-aw

64. Check that the Certificate Holder's manual has procedures for the reporting and correction of mechanical irregularities, which include the distribution of required reports and forms.

Sources: 8300.10 Volume. 2, Chapter 63, Section 2, Paragraph F (13) (I)

Interfaces: 1.3.1-aw; 2.1.2-op; 2.1.2-aw

65. Check that the Certificate Holder's manual has procedures for the reporting and correction of mechanical irregularities, which include that proper parts and materials are used, including: Receiving inspection Shelf time Preservation of parts Parts identification system Disposition of failed parts

Sources: 8300.10 Volume. 2, Chapter 63, Section 2, Paragraph F (13) (I)

Interfaces: 2.1.2-aw; 1.3.2-aw; 1.3.1-aw; 1.3.10-aw; 2.1.2-op

66. Check that the Certificate Holder's manual contains a procedure to ensure that if it is in more than one volume, the manual describes the division of contents between the volumes.

Sources: 8300.10 Volume. 2, Chapter 63, Section 2, Paragraph 5 C

(1)

Interfaces: 1.3.1-aw; 2.1.2-aw; 2.1.2-op

67. Check that the Certificate Holder's manual contains procedures to ensure that any significant terms, acronyms or abbreviations unique

to the manual are (must) be defined. Sources: 8300.10 Volume. 2, Chapter 63, Section 2, Paragraph 5 C (3)Interfaces: 2.1.2-op; 1.3.1-aw; 2.1.2-aw 68. Check that the Certificate Holder's manual has procedures to ensure the specifics of the operator's continuing analysis and surveillance program are contained in the manual, including: Audit system Mechanical performance Sources: 8300.10 Volume. 2, Chapter 63, Section 2, Paragraph F Interfaces: 2.1.2-aw; 2.1.2-op; 1.3.11-aw 69. Check that the Certificate Holder's manual has procedures to ensure that when conducting unscheduled maintenance, and there is no technical information available, the operator must develop or acquire the data needed to perform the maintenance. This maintenance data must be evaluated as major or minor, according to the operator's procedures. Sources: 8300.10 Volume. 3, Chapter 36, Section 1, Paragraph 7. D (3)(c)Interfaces: 1.3.9-aw; 1.3.1-aw; 2.1.2-aw; 2.1.2-op 70. Check that the Certificate Holder's manual contains instructions to include any general information on how the operator conducts its business. Sources: 8300.10 Volume. 3, Chapter 36, Section 1, Paragraph 7. C (1) Interfaces: 2.1.2-aw; 2.1.2-op; 1.3.1-aw 1.35 Does the Certificate Holder's General Maintenance Manual / Equivalent □ Yes comply with the guidance contained in FAA Order 8400.10? □ No, Explain Related Design JTI's: Check that the Certificate Holder's manual contains detailed safety procedures and guidance on servicing and maintaining aircraft during line station operations. Sources: 8400.10 Volume. 3, Chapter 15, Section 3, Paragraph 2147 B (3) Interfaces: 2.1.2-aw; 2.1.2-op; 1.3.1-aw; 5.1.1-aw; 7.2.1-op Check that the Certificate Holder's manual contains detailed 2. procedures and guidance on hot and cold weather operations, including the inspection of ramps for accumulations of frost, ice, snow, or standing water. Sources: 8400.10 Volume. 3, Chapter 15, Section 3, Paragraph 2147 B (4) Interfaces: 4.2.1-aw; 7.2.1-op 3. Check that the Certificate Holder's manual detailed procedures and guidance on hot and cold weather operations, including precautions for the operation of vehicles and equipment. Sources: 8400.10 Volume. 3, Chapter 15, Section 3, Paragraph 2147 B (4) Interfaces: 4.2.1-aw; 7.2.1-op Check that the Certificate Holder's manual has contains detailed 4.

procedures and guidance on hot and cold weather operations, including restrictions and cautions on aircraft movements. *Sources:* 8400.10 Volume. 3, Chapter 15, Section 3, Paragraph 2147 B (4)

Interfaces: 7.2.1-op; 4.2.1-aw

 Check that the Certificate Holder's manual contains detailed procedures and guidance on hot and cold weather operations, including the restrictions and cautions for the protection of passengers and ramp personnel.

Sources: 8400.10 Volume. 3, Chapter 15, Section 3, Paragraph 2147 B (4)

Interfaces: 7.2.1-op; 4.2.1-aw

 Check that the Certificate Holder's manual has procedures regarding the assignment of responsibility for ensuring that aircraft is clear of frost, ice, and snow accumulation.
 Sources: 8400.10 Volume. 3, Chapter 15, Section 3, Paragraph

Sources: 8400.10 Volume. 3, Chapter 15, Section 3, Paragraph 2147 B (5)

Interfaces: 4.2.1-aw; 1.3.18-aw; 7.2.1-op; 3.1.7-op

7. Check that the Certificate Holder's manual has procedures to ensure that the conditions that require aircraft ground deicing are identified.

Sources: 8400.10 Volume. 3, Chapter 15, Section 3, Paragraph 2147 B (5)

Interfaces: 1.3.18-aw; 3.1.7-op; 4.2.1-aw; 7.2.1-op

8. Check that the Certificate Holder's manual has procedures and guidance for the movement of aircraft in the ramp area is carefully coordinated between the operator's GOM and GMM (or appropriate user manuals).

Sources: 8400.10 Volume. 3, Chapter 15, Section 3, Paragraph 2147 B (6)

Interfaces: 7.2.1-op; 2.1.2-op; 4.2.1-aw; 2.1.2-aw

 Check that the Certificate Holder's manual has procedures to ensure that illustrations of standard hand signals and their meanings should be provided.

Sources: 8400.10 Volume. 3, Chapter 15, Section 3, Paragraph 2147 B (6)

Interfaces: 4.2.1-aw; 2.1.2-op; 7.2.1-op; 2.1.2-aw

10. Check that the Certificate Holder's manual contains policy and guidance concerning the interrelationship between the operator's personnel and the personnel of organizations who provide contract services at line stations.

Sources: 8400.10 Volume. 3, Chapter 15, Section 3, Paragraph 2147 B (8)

Interfaces: 5.1.1-aw; 4.2.6-op; 2.1.2-op; 2.1.4-op; 2.1.2-aw; 1.3.7-aw; 4.2.1-aw; 2.1.4-aw; 1.3.16-aw

 Check that the Certificate Holder's manual contains procedures to include an outline of the duties and responsibilities of line station supervisory personnel as they apply to aircraft servicing in the manual.

Sources: 8400.10 Volume. 3, Chapter 15, Section 3, Paragraph

	12.	2147 B (1) Interfaces: 2.1.2-aw; 2.1.2-op Check that the Certificate Holder's manual contains instructions to ensure that when an operator contracts for, or purchases, line station support the manual details the procedures to be used by the personnel providing the support as they apply to aircraft servicing.	
	13.	Sources: 8400.10 Volume. 3, Chapter 15, Section 3, Paragraph 2147 B (1) Interfaces: 2.1.2–op; 2.1.2–aw; 1.3.7–aw Check that the Certificate Holder's manual contains procedures to be used by personnel in case of emergency situations during line station operations. They must contain the specific duties and actions of appropriate personnel. Sources: 8400.10 Volume. 3, Chapter 15, Section 3, Paragraph	
	14.	2147 B (7) Interfaces: 5.1.5–op; 7.2.1–op; 1.3.7–aw; 3.1.12–op; 1.3.16–aw Check that the Certificate Holder's manual contains procedures to ensure line station emergency procedures are easily accessible in appropriate manual(s).	
1 26	Doos	Sources: 8400.10 Volume. 3, Chapter 15, Section 3, Paragraph 2147 B (7) Interfaces: 7.2.1-op; 2.1.4-aw; 2.1.2-aw; 2.1.4-op; 3.1.12-op; 5.1.1-aw; 2.1.2-op the Certificate Holder's General Maintenance Manual /	□ Yes
1.30	Equiv	valent comply with the guidance contained in FAA Flight dards Handbook Bulletin (HBAW) 00–15?	YesNo, ExplainNot Applicable
	1. (p a r	Check that the Certificate Holder's manual has detailed procedures in its maintenance manual or continuous airworthiness maintenance program, as applicable, for managing the approved Part Exchange Program (PEP). Sources: HBAW 00–15A, 3.B anterfaces: 1.3.10–aw; 2.1.2–aw; 2.1.2–op; 1.3.1–aw; .3.2–aw	
1.37	Does	the Certificate Holder's General Maintenance Manual / Equivalent bly with the guidance contained in FAA Flight Standards Handbook tin (HBAW) 99–07?	☐ Yes ☐ No, Explain
	Relati 1. (t t ii S	thed Design JTI's: Check that the Certificate Holder's manual contains a policy assuring that any aircraft alteration that constitutes a required change to the Airplane Flight Manual/Rotorcraft Flight Manual (AFM/RFM) is incorporated into the AFM/RFM. Sources: HBAT/HBAW 99–07 2.B2(c) Interfaces: 1.3.1–aw; 1.3.13–aw; 1.3.9–aw; 1.2.1–aw; 1.1.1–aw	
1.38	comp	the Certificate Holder's General Maintenance Manual / Equivalent bly with the guidance contained in FAA Flight Standards Handbook tin (HBAW) 98–01?	☐ Yes ☐ No, Explain
	Rela	ted Design JTI's:	

1. Check that the Certificate Holder's manual contains instructions to ensure that a maintenance provider has a copy of the manual with the information covering the administration of its maintenance program. Sources: HBAW 98–01 4.C(3) Interfaces: 1.3.7–aw; 2.1.2–aw; 1.3.2–aw; 1.1.1–aw; 2.1.2–op; 1.3.1–aw	
	□ Yes □ No, Explain
Related Design JTI's: 1. Check that the Certificate Holder's manual has procedures to ensure the removal of unapproved parts found in inventories or installed on aircraft by the following means: Establish a written system/plan in the appropriate section of the carrier's procedures manual Parts listed in the FAA-approved Minimum Equipment List (MEL) procedures may be considered inoperable and deferred with the established MEL procedures. Sources: HBAW 96-08 4.B (1) &(2) Interfaces: 1.3.10-aw; 2.1.2-op; 1.3.1-aw; 1.3.2-aw; 2.1.2-aw 1.40 Does the Certificate Holder's General Maintenance Manual /	□ Yes
	□ Yes □ No, Explain
Related Design JTI's: 1. Check that the Certificate Holder's manual has a procedures to ensure that cargo restraint equipment conform to proper standards and are in condition to perform their intended function. Sources: FSAW 97–21 3. Interfaces: 1.1.1-aw; 1.3.1-aw; 1.2.3-aw; 1.3.7-aw; 1.3.2-aw; 7.2.1-op; 1.2.1-aw; 3.1.8-op	
·	□ Yes □ No, Explain
 Related Design JTI's: Check that the Certificate Holder's manual contains instructions and procedures regarding the standards, guidance, and direction necessary to support ETOPS operations. Sources: AC 120–42A, appendix 4, Paragraph 1 Interfaces: 2.1.2-op; 5.1.8-aw; 2.1.2-aw; 1.3.1-aw; 5.1.8-op 	□ Not Applicable

SAI SECTION 1 – PROCEDURES ATTRIBUTE –Drop Down Menu

- 1. No procedures, policy, instructions or information specified.
- 2. Procedures or instructions and information do not identify (who, what, when, where, how).
- 3. Procedures, policy or instructions and information do not comply with CFR.
- 4. Procedures, policy or instructions and information do not comply with FAA policy and guidance.
- 5. Procedures, policy or instructions and information do not comply with other documentation (e.g., manufacturer's data, Jeppesen's Charts, etc.).
- 6. Procedures, policy or instructions and information unclear or incomplete.
- 7. Documentation quality (e.g., unreadable or illegible).
- 8. Procedures, policy or instructions and information inconsistent across Certificate Holder manuals (FOM Flight Operations Manual to GMM General Maintenance Manual, etc.).
- 9. Procedures, policy or instructions and information inconsistent across media (e.g., paper, microfiche, electronic).
- 10. Resource requirements incomplete (personnel, facilities, equipment, technical data).
- 11. Other.

SAI SECTION 2 - CONTROLS ATTRIBUTE

Objective: Controls are checks and restraints designed into a process to ensure a desired result. The questions in this section of the data collection tool are designed to assist the inspector in determining if checks and restraints are designed into the process to ensure the desired result is achieved. Controls should be written into the manual system to ensure that the most important manual policies, procedures or instructions and information will be complied with.

Controls may be in the form of "administrative controls" which are secondary or supplemental written procedures. Like written procedures, administrative controls also need to provide answers to the associated who, what, when, where and how type questions. Controls may also be in the form of "engineered controls" such as automated features or mechanical actions or devices (i.e., safety devices, warning devices, etc.).

Tas	sks	
	To meet this objective, the inspector must accomplish the following tasks:	
1	Review the control questions below.	
2	Review the Certificate Holder's policies, procedures, instructions and informa gain an understanding of the controls that it has documented.	tion to
Que	estions	
	To meet this objective, the inspector must answer the following questions:	
2.	Are the following controls built into the preparation of the General Maintenance Manual / Equivalent:	ce
2.1	Is there a control in place to ensure that the Certificate Holder's manual includes current references to, or excerpts from, its operations specifications for the continuous airworthiness maintenance program?	☐ Yes ☐ No, Explain
2.2	Is there a control in place to ensure that the Certificate Holder's manual lists the current duties, responsibilities, and authority of its required personnel?	☐ Yes ☐ No, Explain
2.3	Is there a control in place to ensure that the Certificate Holder's manual contains (or references) a current list of persons with whom it has arranged for the performance of required inspections, other maintenance, preventive maintenance, or alterations?	□ Yes □ No, Explain
2.4	Is there a control in place to ensure that the Certificate Holder's manual defines significant terms and acronyms in a manner that allows personnel to perform their duties?	□ Yes □ No, Explain
2.5	Is there a control in place to ensure that the Certificate Holder's manual includes test flight and ferry flight requirements or appropriate references?	□ Yes □ No, Explain
2.6	Is there a control in place to ensure that, during a shift change, the status of work in progress is adequately relayed to the oncoming shift in accordance with the Certificate Holder's manual?	☐ Yes ☐ No, Explain
2.7	Does the Certificate Holder have a documented method for assessing the impact of any changes made to the controls in the preparation of the General Maintenance Manual / Equivalent?	☐ Yes ☐ No, Explain

SAI SECTION 2 – CONTROLS ATTRIBUTE –Drop Down Menu

- 1. No controls specified.
- 2. Documentation for the controls do not identify (who, what, when, where, how).
- 3. Controls incomplete.
- 4. Controls could be circumvented.
- 5. Controls could be unenforceable.
- 6. Resource requirements incomplete (personnel, facilities, equipment, technical data).
- 7. Other.

SAI SECTION 3 - PROCESS MEASUREMENT ATTRIBUTE

Objective: Process measurements are used by the Certificate Holder to measure and assess its processes to identify and correct problems or potential problems and to make improvements to the processes. The questions in this section of the data collection tool are designed to assist the inspector in determining if the Certificate Holder measures or assesses information to identify, analyze and document potential problems with the process. Process measurements are basically a Certificate Holder's internal evaluation or auditing of the most important policies, procedures or instructions and information associated with an element.

To prevent the duplication of work that would otherwise occur, Process Measurements are most commonly addressed through a combination of auditing features contained in both the Certificate Holder's Safety Program/Internal Evaluation Program (for Operations and Cabin Safety related issues) and the auditing function of the Continuous Analysis &Surveillance System (for Airworthiness or Maintenance/Inspection related issues). The Director of Safety and the Quality Assurance Department often work in conjunction to accomplish this function for the Certificate Holder. This approach simply requires amendment of the Safety Program/Internal Evaluation Program audit forms or checklists and the Continuous Analysis &Surveillance System audit forms or checklists to include the specific process measurements for each element.

IOH	ns of checklists to include the specific process measurements for each elemen	IL.
Tas	sks	
	To meet this objective, the inspector must accomplish the following tasks:	
1	Review the process measurement questions below.	
2	Review the Certificate Holder's policies, procedures, instructions and informa gain an understanding of the process measurements that it has documented.	
Qu	estions	
	To meet this objective, the inspector must answer the following questions:	
3.	Does the Certificate Holder's General Maintenance Manual / Equivalent processor following process measurements:	ess include the
3.1	Process measurements that would reveal if the Certificate Holder's manual does not include current references to, or excerpts, from its operations specifications, for the continuous airworthiness maintenance program?	☐ Yes ☐ No, Explain
3.2	Process measurements that would reveal if the Certificate Holder's manual does not list the current duties, responsibilities, and authority of its required personnel?	□ Yes □ No, Explain
3.3	Process measurements that would reveal if the Certificate Holder's manual failed to contain (or reference) a current list of persons with whom it has arranged for the performance of required inspections, other maintenance, preventive mainenance, or alterations?	☐ Yes ☐ No, Explain
3.4	Process measurements that would reveal if the Certificate Holder's manual did not define significant terms and acronyms in a manner that allowed personnel to perform their duties?	☐ Yes ☐ No, Explain
3.5	Process measurements that would reveal if the procedures in the Certificate Holder's manual failed to initiate the requirement for test or ferry flight?	☐ Yes ☐ No, Explain
3.6	Process measurements that would reveal if the procedures contained in the Certificate Holder's manual for shift change were effective in relaying aircraft status to the oncoming shift?	☐ Yes ☐ No, Explain

SAI Template

Template Dated 12/11/03

3.7	·	□ Yes
	methods and results?	□ No, Explain
3.8	Does the organization that conducts the process measurements	□ Yes
	have direct access to the person with responsibility for the General	□ No, Explain
	Maintenance Manual / Equivalent process?	rro, Expiani

SAI SECTION 3 – PROCESS MEASUREMENT ATTRIBUTE –Drop Down Menu

- 1. No process measurements specified.
- 2. Documentation for the process measurements does not identify (who, what, when, where, how).
- 3. Inability to identify negative findings.
- 4. No provisions for implementing corrective actions.
- 5. Ineffective follow-up to determine effectiveness of corrective actions.
- 6. Resources requirements (personnel, facilities, equipment, technical data).
- 7. Other.

SAI SECTION 4 - INTERFACES ATTRIBUTE

Objective: Interfaces are used by the Certificate Holder to identify and manage the interactions between processes. The questions in this section of the data collection tool are designed to assist the inspector in determining whether or not interactions between the procedures, policies or instructions and information associated with other independent processes within the Certificate Holder's organization are documented. Written procedures, policies or instructions and information that are interrelated and located in different manuals within the Certificate Holder's manual system need to be consistent and complement each other. For the interfaces to be effectively managed, it is not only important to identify what the interfaces are, but it is imperative to document the specific location of the interfaces within the Certificate Holder's manual system.

Tasks To meet this objective, the inspector must accomplish the following tasks: Review the interfaces associated with the General Maintenance Manual / Equivalent preparation that have been identified along with the individual questions in the Procedures Section (1) of this data collection tool. Review the Certificate Holder's policies, procedures, instructions and information to gain an understanding of the interfaces that it has documented. Questions To meet this objective, the inspector must answer the following questions: NOTE: ALL EXPLANATIONS IN THE DROP DOWN MENU FOR "NO" ANSWERS MUST INCLUDE THE INDIVIDUAL QUESTION NUMBER FROM THE PROCEDURES SECTION (1) OF THIS DATA COLLECTION TOOL AND THE ELEMENT NUMBER(S) OF THE DISCREPANT INTERFACE(S) THAT WERE NOT ADDRESSED. Does the Certificate Holder's manual: □ Yes 4.1 Properly address the interfaces that are identified along with the individual questions in the Procedures Section (1)? ☐ No, Explain □ Yes 4.2 Document a method for assessing the impact of any changes to the associated interfaces within the General Maintenance Manual / ☐ No, Explain Equivalent preparation?

4.3 List additional interfaces identified during the accomplishment of this SAI.

SAI SECTION 4 – INTERFACES ATTRIBUTE –Drop Down Menu

- 1. No interfaces specified.
- 2. The following interfaces not identified within the Certificate Holder's manual system:
- 3. Interfaces listed are inaccurate.
- 4. Specific location of interfaces not identified within the manual system.
- 5. Other

SAI SECTION 5 - MANAGEMENT RESPONSIBILITY & AUTHORITY ATTRIBUTE

Objective: The questions in this section of the data collection tool address the responsibility and authority of the process. They are designed to assist the inspector in determining if there is a clearly identifiable, qualified and knowledgeable person who is responsible for the process, is answerable for the quality of the process and has the authority to establish and modify the process. (The person with the authority may or may not be the person with the responsibility.) **Tasks**

prod	cess. (The person with the authority may or may not be the person with the re	sponsibility.)
Tas	ks	
	To meet this objective, the inspector must accomplish the following tasks:	
1	Identify the person who has overall responsibility for the General Maintenance Manual / Equivalent preparation.	e
2	Identify the person who has overall authority for the General Maintenance Ma Equivalent preparation.	anual /
3	Review the duties and responsibilities of the person(s), documented in the Certificate Holder's manual.	
4	Review the appropriate organizational chart.	
Que	estions	
	To meet this objective, the inspector must answer the following questions:	
5.	Are the following aspects of the Management Responsibility and Authority At addressed in the General Maintenance Manual /Equivalent:	tributes
5.1	Does the Certificate Holder's manual clearly identify who is responsible for the quality of the General Maintenance Manual / Equivalent preparation?	☐ Yes ☐ No, Explain Name/Title:
5.2	Does the Certificate Holder's manual clearly identify who has the authority to establish and modify the policies, procedures, instructions and information for the preparation of the General Maintenance Manual / Equivalent?	☐ Yes ☐ No, Explain Name/Title:
5.3		☐ Yes ☐ No, Explain
5.4	Does the Certificate Holder's manual include instructions and information for those who manage the work required by the preparation of the General Maintenance Manual / Equivalent? SRRs: 121.135(a)(1)	☐ Yes ☐ No, Explain
5.5	Does the Certificate Holder's manual clearly and completely document the authority for this position?	☐ Yes ☐ No, Explain
5.6		☐ Yes ☐ No, Explain
5.7	Does the Certificate Holder's manual clearly and completely document their qualification standards for the person having authority to establish and modify the Certificate Holder's policies, procedures, instructions and information for the preparation of the General Maintenance Manual / Equivalent?	☐ Yes ☐ No, Explain

5.8	Does the Certificate Holder's manual clearly and completely	□ Yes
	document the procedures for delegation of authority for the General	□ No, Explain
	Maintenance Manual / Equivalent preparation?	Tio, Explain

SAI SECTION 5 – MANAGEMENT RESPONSIBILITY & AUTHORITY ATTRIBUTE —Drop Down Menu 1. Not documented. 2. Documentation unclear. 3. Documentation incomplete.